The Loktak Down Stream Hydro electric Project (90 MW) in Manipur was sanctioned by the Government of India in December, 1999 at an estimated cost of Rs. 578.60 crores for implementation by the National Hydroelectric Power Corporation (NHPC) in the Central Sector. The scheduled construction period was $6^{1/2}$ Years Work on the project could not be started due to adverse security environment in the area and non-finalization of Power Purchase Agreements (PPAs) with the State Governments due to high tariff (cost of security being part of the project cost).

Requirement of power in the country

1554. SHRI VIJAY J. DARDA. Will the Minister of POWER be pleased to state;

(a) the total power requirement in the country and its break-up, State or region-wise,

(b) the present capacity to meet the total requirements and what is the shortfall; and

(c) the steps being taken to ensure that total power requirement of the country is met and what is the time-frame for this?

THE MINISTER OF POWER (SHRI P.M SAYEED): (a) During the period April-July 2004, State-wise power supply position in the country is given in the Statement (*See* below)

(b) The installed generating capacity as on 31.07 2004 was 1, 12,706 MW. The energy and peaking shortages during the current year (April-July 2004) was 6.1% and 11.3% respectively

(c) Electricity is a concurrent subject. Supply and distribution of electricity in a State is the responsibility of the State Government/State Power Utility concerned which decides the priorities of power supply to various categories of consumers/areas in the State. Government of India only supplements the efforts of the State Governments by setting up of power plants through Central Public Sector Undertakings in Central Sector

However, the following steps are being taken to improve the generation and availability of power in the country:

(i) A capacity addition of 41,110 MW has been targeted for 10th Five Year Plan Consisting of 22, 832 MW in Central Sector, 11,157 MW in State Sector and 7,121 MW in Private Sector.

(ii) Early stabilization of newly commissioned units and overall increase in PLF of thermal units.

(iii) Creation of a robust National Grid for optimum utilization of generation capacity and inter-regional transmission of power.

(iv) To bring about reforms in distribution, Government of India has implemented the Accelerated Power Development and Reforms Programme (APDRP) for upgradation of sub-transmission system in States as a major step towards reduction of aggregate transmission and commercial losses and attaining commercial viability of the power sector. Funds are being provided to States for undertaking schemes for sub-transmission and distribution systems under the APDRP.

(v) Demand side management, energy efficiency and conservation measures.

(vi) Disbursement of loans with interest subsidy by the Power Finance Corporation for renovation and modernization of old and inefficient generating units.

(vii) Enhancement of inter-state and inter-regional power transfer by strengthening of inter-regional transmission links and finally formation of National Grid.

(viii) Exploitation of hydro potential at a faster pace.

The target of Ministry of Power is to make available power on demand by the year 2012.

Statement

State-wise Power Supply position in the country

Fig in MW net

State/ System/ Demand Region	Jul' 04 Peak Met (MW)	Peak (MW)	Surplus/Deficit(-) (MW)	(%))	April-Jul'4 Peak Demand (MW)	Peak Met (MW)	Surplus/Deficit(-) (MW)	(%)
Chandigarh	224	224	0	0 0	224	224	0	0 0
Delhi	3558	3490	-68	-1 9	3558	3490	-68	-1 9
Haryana	4037	3545	-492	-12 2	4037	3545	-492	-12 2
HP	589	589	0	0 0	615	615	0	0 0
J&K	1041	941	-100	-9 6	1207	1068	-139	-11 5
Punjab	7122	5559	-1563	-21 9	7122	5559	-1563	-21 9
Rajasthan	4153	3858	-295	-7 1	4153	3879	-274	-6 6
Uttar Pradesh	7694	5942	-1752	-22 8	7877	6268	-1609	-20 4
Uttaranchal	826	786	-40	-4 8	826	786	-40	-4 8
N Region	26834	24125	-2709	-10 1	26834	24125	-2709	-10 1
Chhattisgarh	1591	1511	-80	-5 0	1670	1558	-112	-6 7
Gujarat	9464	6935	-2529	-26 7	9655	7427	-2228	-23 1
Madhya Pradesh	4061	3510	-551	-13 6	5670	4030	-1640	-28 9
Maharashtra	12988	10613	-2375	-18 3	14585	11483	-3102	-21 3
Daman & Diu	165	165	0	0 0	181	181	0	0 0
Dadar N. Haveli	391	391	0	0 0	391	391	0	0 0
Goa	306	306	0	0 0	334	334	0	0 0
W.R.	26650	21560	-5090	-19 1	29859	23380	-6479	-21 7
Andhra Pradesh	6730	6642	-88	-1.3	7156	7038	-118	-1 6
Karnataka	4862	4862	0	0 0	5927	5360	-567	-9 6
Kerala	2243	2218	-25	-1 1	2427	2218	-209	-8 6
Tamil Nadu	7217	7206	-11	-0 2	7227	7206	-21	-0 3
Pondicherry	208	208	0	0.0	230	230	0	0 0
S.R.	20934	20861	-73	-0 3	23075	21928	-1147	-5 0
Bihar	922	722	-200	-21 7	922	818	-104	-113
DVC	1347	1180	-167	-12 4	1347	1180	-167	-12 4

State/ System/ Region	Jul' 04 Peak Demand (MW)	Peak Met (MW)	Surplus/Deficit(-) (MW)	(%))	April-Jul'04 Peak Demand (MW)	Peak Met (MW)	Surplus/ (MW)	Deficit(-) (%)
Jharkhand	567	464	-103	-18 2	567	520	-47	-8 3
Orissa	2124	1900	-224	-10 5	2195	1929	-266	-12 1
W B + Sikkim	3671	3568	-103	-2 8	3852	3568	-284	-7 4
E.R.	7993	7837	-156	-2 0	8286	7895	-391	-4 7
Arunachal Pradesh	47	47	0 0	0	47	47	0	0 0
Assam	632	586	-46	-7 3	659	589	-70	-10 6
Manipur	103	103	0	0 0	103	103	0	0 0
Meghalaya	236	196	-40	-16 9	255	196	-59	-23.1
Mizoram	63	59	-4	-6 3	69	59	-10	-14 5
Nagaland	68	68	0	0 0	68	68	0	0.0
Tripura	159	133	-26	-16 4	161	133	-28	-17 4
N-ER	1247	1068	-179	-14.4	1247	1068	-179	-14 4
All India	83658	75451	-8207	-9 8	85911	76246	-9665	-11 3

Actual Power Supply Position

State/ System/ Region	Jul' 04 Requi-rement (MU)	Availa-bility (MU)	Surplus/Deficit(-) (MU)	(%))	April-Jul' 04 Requi-rement (MU)	Availa-bility (MU)	Surplus/Deficit(-) (MU)	(%)
1	2	3	4	5	6	7	8	9
Chandigarh	125	125	0	0.0	433	433	0	0 0
Delhi	2212	2197	-15	-0 7	7926	7868	-58	-0 7
Haryana	2393	2217	-176	-7 4	7897	7507	-390	-4.9
HP	321	320	-1	-0 3	1403	1400	-3	-0 2
J&K	605	592	-13	-2 1	2666	2624	-42	-1 6
Punjab	4137	3479	-658	-15 9	12503	11612	-891	-7 1
Rajasthan	2386	2349	-37	-1 6	9363	9311	-52	-0 6
Uttar Pradesh	4722	3583	-1139	-24 1	16912	14010	-2902	-17.2
Uttaranchal	407	398	-9	-2.2	1489	1456	-33	-2.2

1	2	3	4	5	6	7	8	9
N Region	17308	15260	-2048	-11 8	60592	56221	-4371	-7.2
Chhattisgarh	913	899	-14	-1 5	3665	3637	-28	-0.8
Gujarat	4621	4016	-605	-13 1	19493	17191	-2302	-11.8
Madhya Pradesh	2267	2120	-147	-6.5	10013	9142	-871	-8.7
Maharashtra	7183	6384	-799	-11.1	29524	26706	-2818	-9 5
Daman & Diu	103	103	0	0 0	393	393	0	0.0
Dadar N Haveli	170	170	0	0.0	607	607	0	0.0
Goa	164	164	0	0.0	668	668	0	0.0
W.R.	15421	13856	-1565	-10.1	64363	58344	-6019	-9.4
Andhra Pradesh	3915	3913	-2	-0.1	16037	16001	-36	-0 2
Karnataka	2808	2806	-2	-0.1	11126	10247	-879	-7.9
Kerala	1025	1024	-1	-0.1	4095	4028	-67	-1 6
Tamil Nadu	4180	4179	-1	0.0	15772	15741	-31	-0.2
Pondicherry	139	139	0	0 0	527	527	0	0 0
S.R.	12067	12061	-6	0 0	47557	46544	-1013	-2 1
Bihar	674	657	-17	-2.5	2300	2202	-98	-4 3
DVC	780	777	-3	-0 4	2951	2926	-25	-0 8
Jharkhand	286	280	-6	-2 1	1108	1087	-21	-1.9
Orissa	1150	1154	4	0.3	4476	4454	-22	-0.5
W B + Sikkim	2007	1992	-15	-0 7	8024	7931	-93	-1.2
E.R.	4897	4860	-37	-0.8	18859	18600	-259	-1.4
Arunachal Pradesh	13	13	0	0 0	52	52	0	0.0
Assam	327	310	-17	-5.2	1245	1174	-71	-5.7
Manipur	46	45	-1	-2.2	167	162	-5	-3.0
Meghalaya	120	111	-9	-7.5	425	369	-56	-13.2
Mizoram	19	18	-1	-5.3	73	67	-6	-8.2
Nagaland	30	29	-1	-3.3	108	106	-2	-1 9
Tripura	66	62	-4	-6.1	235	214	-21	-8.9
N-ER	621	588	-33	-5 3	2305	2144	-161	-7.0
ALL INDIA	50314	46625	-3689	-7 3	193676	181853	-11823	-6.1